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Part Number: [120086-8521](#)
Status: **Active**
Overview: [Brad® Nano-Change® (M8) Products](#)
Description: Nano-Change® (M8) Single-Ended Cordset, 3 Poles, Male (Straight) to Pigtail, 22 AWG, TPE Cable, 2.0m (6.56') Length

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

| | |
|-----------------|--|
| Product Family | Industrial Cordsets |
| Series | 120086 |
| Connector End A | Nano-Change® (M8) |
| Connector End B | Pigtail |
| IP Rating | IP67 |
| Overview | Brad® Nano-Change® &#40;M8&#41; Products |
| Product Name | Nano-Change® (M8) |
| Protocol | N/A |
| Region | America |
| Type | Single Ended |
| UPC | 78172540897 |

Physical

| | |
|-------------------------------|---------------------|
| Cable Diameter | N/A |
| Cable Length | 2.0m (6.56') |
| Color - Cable Jacket | Yellow |
| Coupling Style | Threaded |
| Gender | Male-Pigtail |
| LED Indicator | No |
| Material - Cable Jacket | TPE |
| Material - Connector Body | TPE |
| Material - Contact | Copper Alloy |
| Material - Coupling Nut | Nickel-plated Brass |
| Material - O-Ring | Viton |
| Material - Plating Mating | Gold |
| Net Weight | 16.230/g |
| Orientation | Straight |
| Poles | 3 |
| Temperature Range - Operating | -20°C to +80°C |
| Wire Size AWG | 22 |
| Wire/Cable Type | E152210 |

Electrical

| | |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 4A |
| Voltage - Maximum | 60V AC / 75V DC |

Material Info

| | |
|-----------------|---------------|
| Old Part Number | 403006K05M020 |
|-----------------|---------------|

Reference - Drawing Numbers

| | |
|---------------|---------------|
| Sales Drawing | SD-120086-038 |
|---------------|---------------|

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Low-Halogen Status
Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
 120086Series